

INHALABLE EPINEPHRINE

ABSTRACT OF THE DISCLOSURE

The present invention is directed toward particles for delivery of epinephrine to the respiratory system and methods for treating a patient in need of epinephrine.

5 The particles and respirable compositions comprising the particles of the present invention described herein comprise the bioactive agent epinephrine, or a salt thereof, as a therapeutic agent. The particles are preferably formed by spray drying. Preferably, the particles and the respirable compositions are substantially dry and are substantially free of propellents. In a preferred embodiment, the particles have

10 aerodynamic characteristics that permit targeted delivery of epinephrine to the site(s) of action.